

# Signature Page

**Signed By**

JUSTIN SODERBERG

**Organization**

WESTERN FARMERS ELECTRIC COOPERATIVE

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I am free to discontinue this transaction by selecting "Cancel"; otherwise, the records will be submitted to the DEQ, and the transaction will be complete.

**Confirmation Number**

S20230329131026-F1700-R2022

**2022 Emissions Inventory Report**  
**WESTERN FARMERS ELECTRIC COOPERATIVE (471)**  
**HUGO POWER PLANT (1700)**  
**Emissions Summary**

**CRITERIA AIR POLLUTANT (CAP) EMISSIONS TOTALS**

Pollutant Code/CAS #	Pollutant Name	Total Emissions (tons)*
CO	Carbon Monoxide	275.915
NOX	Nitrogen Oxides (NOx) expressed as NO2	911.916
PM10-PRI	PM10 - Primary (Filterable + Condensable)	28.77
PM25-PRI	PM2.5 - Primary (Filterable + Condensable)	26.103
SO2	Sulfur Oxides (SOx) expressed as SO2	2,570.301
VOC	Volatile Organic Compounds (VOCs)	39.009

**HAZARDOUS AIR POLLUTANT (HAP) and/or OTHER POLLUTANT EMISSIONS TOTALS**

Pollutant Code/CAS #	Pollutant Name	Is VOC/PM?	Total Emissions (tons)*
7439921	Lead (CAP-HAP)	PM	0.019
75070	Acetaldehyde (HAP-TOX)	VOC	0.151
107028	Acrolein (HAP)	VOC	0.077
7440360	Antimony (HAP)	PM	0.003
7440382	Arsenic (HAP-TOX)	PM	0.002
71432	Benzene (including benzene from gasoline) (HAP-TOX)	VOC	0.344
100447	Benzyl chloride (HAP)	VOC	0.185
117817	Bis(2-ethylhexyl)phthalate (DEHP) (HAP)	VOC	0.019
7440439	Cadmium (HAP-TOX)	PM	<.001
75150	Carbon disulfide (HAP)	VOC	0.034
67663	Chloroform (HAP-TOX)	VOC	0.016
7440473	Chromium (HAP-TOX)	PM	0.005
7440484	Cobalt (HAP)	PM	0.006
57125	Cyanide (HAP)	VOC	0.661
100414	Ethyl benzene (HAP-TOX)	VOC	0.025
50000	Formaldehyde (HAP-TOX)	VOC	0.072
110543	Hexane (HAP)	VOC	0.018
7647010	Hydrochloric acid (HAP)	PM	5.893

Pollutant Code/CAS #	Pollutant Name	Is VOC/PM?	Total Emissions (tons)*
7664393	Hydrogen fluoride (Hydrofluoric acid) (HAP)	PM	1.66
78591	Isophorone (HAP)	VOC	0.153
7439965	Manganese (HAP-TOX)	PM	0.005
7439976	Mercury (HAP-TOX)	PM	0.002
74839	Methyl bromide (Bromomethane) (HAP)	VOC	0.042
74873	Methyl chloride (Chloromethane) (HAP)	VOC	0.14
60344	Methyl hydrazine (HAP)	VOC	0.045
75092	Methylene chloride (Dichloromethane) (HAP-TOX)	-	0.077
91203	Naphthalene (HAP)	VOC	0.003
7440020	Nickel (HAP-TOX)	PM	0.006
7723140	Phosphorus (HAP)	PM	0.002
250	Polycyclic Organic Matter (HAP)	VOC	0.006
123386	Propionaldehyde (HAP)	VOC	0.101
7782492	Selenium (HAP)	PM	0.026
7664939	Sulfuric acid (including acid mist expressed as H <sub>2</sub> SO <sub>4</sub> ) (OTH)	PM	1.925
108883	Toluene (HAP-TOX)	VOC	0.065
*Rounded to 3 digits past the decimal point. Note that where rounding results in 0, <.001 is indicated.			

**2022 Emissions Inventory Report**  
**WESTERN FARMERS ELECTRIC COOPERATIVE (471)**  
**HUGO POWER PLANT (1700)**

**COMPANY**

<b>Company Identifier:</b>	471	<b>Company Name:</b>	WESTERN FARMERS ELECTRIC COOPERATIVE
<b>Mailing Address:</b>	701 NE 7TH ST ANADARKO, OK 73005		
<b>Contact Phone:</b>	(405) 247-3351		
<b>Contact FAX:</b>	(405) 247-4499		

**FACILITY**

<b>Facility Identifier:</b>	1700	<b>Facility Name:</b>	HUGO POWER PLANT
<b>Status:</b>	OP - Operating	<b>Status Year:</b>	
<b>NAICS:</b>	221112 (Primary) - Fossil Fuel Electric Power Generation		
<b>Comments:</b>			

**FACILITY - ADDRESS**

<b>Location Address:</b>	970N 4335 Rd FORT TOWSON, OK 74735
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**FACILITY - LOCATION**

<b>Latitude (decimal degress):</b>	34.01633	<b>Longitude (decimal degress):</b>	-95.32188
<b>Collection Method:</b>	020 - interpolation-satellite	<b>Data Collection Date:</b>	09/22/2009
<b>Geographic Reference Point:</b>	102 - Center of a Facility/System	<b>Geodetic Reference System:</b>	003 - World Geodetic System of 1984

**FACILITY - ADDITIONAL INFORMATION**

Field Name	Field Value
Oil & Gas Facility Category	Not Applicable
Permit Number(s)	97-058-C M-5,97-058-C M-2 PSD,2018-0916-ARR4,2018-0201-TVR2
SIC Number	4911
TRI Identifier (ID)	74735WSTRNHwy70

RELEASE POINTS					
ID	Type	Description	Status	Details	Location
10724	Vertical	HU-Unit1, P1 - Electric Power Coal Generation Unit	OP in 2002	Height: 500.0 FEET, Shape: Circular, Diameter: 26.0 FEET, Temperature: 260.0 F, Flow Rate: 1,500,000.0 ACFM, Velocity: 47.087 FPS	Lat/Long: (34.01472, -95.32102)
10726	Fugitive Area: SW Corner Coords	P-19 Fuel Oil Storage Tank	OP in 2002	Fugitive Height: 48.0 FEET, Fugitive Width: 7.0 FEET, Fugitive Length: 7.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
10727	Fugitive Area: SW Corner Coords	Open Coal Storage Pile 1	OP in 2002	Fugitive Height: 61.0 FEET, Fugitive Width: 1,021.0 FEET, Fugitive Length: 1,021.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
30400	Fugitive Area: SW Corner Coords	HU-Ash1, P-13 Truck Loading and Unloading	OP in 2004	Fugitive Height: 20.0 FEET, Fugitive Width: 214.0 FEET, Fugitive Length: 214.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
33337	Fugitive Area: SW Corner Coords	HU-Coal1, P-3 Railcar Unloading Rotary Dump	OP in 2005	Fugitive Height: 12.0 FEET, Fugitive Width: 4.0 FEET, Fugitive Length: 4.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
38807	Vertical	P-22 Emergency Diesel Generator	OP in 2007	Height: 17.0 FEET, Shape: Circular, Diameter: 1.2 FEET, Temperature: 770.0 F, Flow Rate: 10,500.0 ACFM, Velocity: 154.73 FPS	Uses Facility Site Location
41424	Horizontal	HU-Ash2, P-14 Fly Ash Conveying Storage	OP in 2007	Height: 150.0 FEET, Shape: Circular, Diameter: 1.1 FEET, Temperature: 85.0 F, Flow Rate: 3,250.0 ACFM, Velocity: 56.04 FPS	Uses Facility Site Location
41425	Horizontal	HU-Ash3, P-15 Fly Ash Silo Load Out	OP in 2007	Height: 150.0 FEET, Shape: Circular, Diameter: 1.1 FEET, Temperature: 85.0 F, Flow Rate: 3,250.0 ACFM, Velocity: 56.04 FPS	Uses Facility Site Location
41436	Horizontal	Open Coal Storage Pile 2	OP in 2012	Height: 8.0 FEET, Shape: Circular, Diameter: 2.45 FEET, Temperature: 85.0 F, Flow Rate: 20,000.0 ACFM, Velocity: 70.7 FPS	Uses Facility Site Location
41459	Fugitive Area: SW Corner Coords	HU-Coal3, P-5 Crushing	OP in 2007	Fugitive Height: 12.0 FEET, Fugitive Width: 4.0 FEET, Fugitive Length: 4.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
41460	Fugitive Area: SW Corner Coords	HU-Coal4, P-6 Active Storage Pile-Load in by Conveyor	OP in 2007	Fugitive Height: 40.0 FEET, Fugitive Width: 114.0 FEET, Fugitive Length: 114.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
41461	Fugitive Area: SW Corner Coords	HU-Coal5, P-7 Active Storage Pile-Load out under Pile Reclaim	OP in 2007	Fugitive Height: 2.0 FEET, Fugitive Width: 114.0 FEET, Fugitive Length: 114.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
41462	Fugitive Area: SW Corner Coords	HU-Coal6, P-8 Inactive Storage Pile-Load in by Conveyor	OP in 2007	Fugitive Height: 2.0 FEET, Fugitive Width: 114.0 FEET, Fugitive Length: 114.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
41629	Horizontal	HU-Coal2, P-4 Conveying (from Railcar)	OP in 2007	Height: 186.0 FEET, Shape: Circular, Diameter: 2.17 FEET, Temperature: 85.0 F, Flow Rate: 12,000.0 ACFM, Velocity: 54.08 FPS	Uses Facility Site Location
44149	Fugitive Area: SW Corner Coords	1A Cooling Tower Stack	OP in 2006	Fugitive Height: 28.0 FEET, Fugitive Width: 69.0 FEET, Fugitive Length: 69.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
44151	Fugitive Area: SW Corner Coords	1B Cooling Tower Stack	OP in 2006	Fugitive Height: 28.0 FEET, Fugitive Width: 69.0 FEET, Fugitive Length: 69.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
44153	Vertical	Auxiliary Cooling Tower Stack	OP in 2017	Height: 55.0 FEET, Shape: Circular, Diameter: 28.0 FEET, Temperature: 90.0 F, Flow Rate: 2,558,780.0 ACFM, Velocity: 69.26 FPS	Uses Facility Site Location

ID	Type	Description	Status	Details	Location
46174	Fugitive Area: SW Corner Coords	P-20 Gasoline Storage Tanks	OP in 2007	Fugitive Height: 11.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: 3.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
47300	Fugitive Area: SW Corner Coords	P-21 Diesel Storage Tank	OP in 2007	Fugitive Height: 35.0 FEET, Fugitive Width: 3.0 FEET, Fugitive Length: 3.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
118862	Vertical	Silo 1 Additive A SPF-10	OP in 2015	Height: 150.0 FEET, Shape: Circular, Diameter: 1.1 FEET, Temperature: 85.0 F, Flow Rate: 3,250.0 ACFM, Velocity: 56.04 FPS	Uses Facility Site Location
119275	Vertical	Silo 2 Powdered Activated Carbon SB-24	OP in 2015	Height: 150.0 FEET, Shape: Circular, Diameter: 1.1 FEET, Temperature: 85.0 F, Flow Rate: 3,250.0 ACFM, Velocity: 56.04 FPS	Uses Facility Site Location
177932	Fugitive Area: SW Corner Coords	HU-Ash-5, P-17 Bottom Ash Truck Loading and Unloading	OP in 2018	Fugitive Height: 20.0 FEET, Fugitive Width: 241.0 FEET, Fugitive Length: 241.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
177953	Fugitive Area: SW Corner Coords	HU-Ash-6, P-18 Bottom Ash Conveyor Discharge	OP in 2018	Fugitive Height: 20.0 FEET, Fugitive Width: 214.0 FEET, Fugitive Length: 214.0 FEET, Fugitive Angle: 0°	Uses Facility Site Location
<b>Comment:</b> Emission unit renamed in accordance with Permit No. 2008-337-TVR (M-7) and the dry bottom ash handling system					
186810	Vertical	P-24A Emergency Engine	OP	Height: 14.0 FEET, Shape: Circular, Diameter: 0.5 FEET, Temperature: 918.0 F, Flow Rate: 2,904.0 ACFM, Velocity: 246.5 FPS	Uses Facility Site Location
186811	Vertical	P-25A Emergency Engine	OP	Height: 14.0 FEET, Shape: Circular, Diameter: 0.5 FEET, Temperature: 918.0 F, Flow Rate: 2,904.0 ACFM, Velocity: 246.5 FPS	Uses Facility Site Location
210226	Vertical	P-26 Emergency Engine - Hugo SW	OP	Height: 8.0 FEET, Shape: Circular, Diameter: 1.0 FEET, Temperature: 760.0 F, Flow Rate: 429.0 ACFM, Velocity: 546.21976 FPM	Uses Facility Site Location

CONTROL DEVICES				
ID	Description	Status	Control Measure	Controlled Pollutants
125058	HU-Coal5, P-7 Dust Suppression	OP	217 - Dust Suppression	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
125059	HU-Ash1, P-13 Baghouse	OP	127 - Fabric Filter / Baghouse	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
125060	HU-Ash2, P-14 Baghouse	OP	127 - Fabric Filter / Baghouse	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
125061	HU-Unit1, P1 - Electrostatic Precipitator - Dry (DESP)	OP	128 - Electrostatic Precipitator - Dry (DESP)	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
125062	HU-Unit1, P1 - Dry Sorbent Injection (DSI, other than ACl)	OP	206 - Dry Sorbent Injection (DSI, other than ACl)	7647010-Hydrochloric acid: 10.0%, 7439976-Mercury: 10.0%
125063	HU-Coal6, P-8 Dust Suppression	OP	217 - Dust Suppression	PM10-FRI-PM10 - Primary (Filterable + Condensable): 75.0%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 75.0%
125064	HU-Coal1, P-3 Dust Suppression	OP	217 - Dust Suppression	PM10-FRI-PM10 - Primary (Filterable + Condensable): 95.0%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 95.0%
152089	HU-Coal3, P-5 Dust Suppression	OP	217 - Dust Suppression	PM10-FRI-PM10 - Primary (Filterable + Condensable): 95.0%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 95.0%
152090	HU-Coal2, P-4 Dust Suppression	OP	217 - Dust Suppression	PM10-FRI-PM10 - Primary (Filterable + Condensable): 95.0%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 95.0%
152091	HU-Ash3, P-15 Baghouse	OP	127 - Fabric Filter / Baghouse	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
152092	HU-Ash5, P-17 Wet Nature of BottomAsh	OP	99 - Other Control Device	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
	<b>Comment:</b> Emission unit numbering was updated consistent with Permit No. 2008-337-TVR (M-7) and the dry ash handling system. The wet nature of the bottomash serves as the control device.			
152093	HU-Ash6, P-18 Wet Nature of BottomAsh	OP	99 - Other Control Device	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.9%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.9%
	<b>Comment:</b> Emission unit numbering was updated consistent with Permit No. 2008-337-TVR (M-7) and the dry ash handling system. The wet nature of the bottomash serves as the control device.			
152094	Silo 1 and Silo 2 Baghouse	OP	127 - Fabric Filter / Baghouse	PM10-FRI-PM10 - Primary (Filterable + Condensable): 99.0%, PM25-FRI-PM2.5 - Primary (Filterable + Condensable): 99.0%

EMISSION UNITS				
ID	Type	Description	Status	Details
10724	100 - Boiler	HU-Unit1, P1 - Electric Power Coal Generation Unit	OP in 2002	Operation Start : , Design Capacity: 4,600.0 E6BTU/HR
10726	400 - Storage Tank	P-19 Fuel Oil Storage Tank	OP in 2002	Operation Start : , Design Capacity:
10727	785 - Open Storage Pile	Open Coal Storage Pile 1	OP in 2002	Operation Start : , Design Capacity:
30688	770 - Transfer Point	HU-Ash1, P-13 Truck Loading and Unloading	OP in 2004	Operation Start : , Design Capacity:
33534	770 - Transfer Point	HU-Coal1, P-3 Railcar Unloading Rotary Dump	OP in 2005	Operation Start : , Design Capacity:
39057	160 - Reciprocating IC Engine	P-22 Emergency Diesel Generator	OP in 2007	Operation Start : , Design Capacity: 630.0 HP
41566	760 - Conveyor	HU-Ash2, P-14 Fly Ash Conveying Storage	OP in 2007	Operation Start : , Design Capacity:
41570	770 - Transfer Point	HU-Ash3, P-15 Fly Ash Silo Load Out	OP in 2007	Operation Start : , Design Capacity:
41607	770 - Transfer Point	HU-Coal2, P-4 Conveying (from Railcar)	OP in 2007	Operation Start : , Design Capacity:
41608	720 - Crusher	HU-Coal3, P-5 Crushing	OP in 2007	Operation Start : , Design Capacity:
41609	770 - Transfer Point	HU-Coal4, P-6 Active Storage Pile-Load in by Conveyor	OP in 2007	Operation Start : , Design Capacity:
41610	770 - Transfer Point	HU-Coal5, P-7 Active Storage Pile-Load out under Pile Reclaim	OP in 2007	Operation Start : , Design Capacity:
41611	770 - Transfer Point	HU-Coal6, P-8 Inactive Storage Pile-Load in by Conveyor	OP in 2007	Operation Start : , Design Capacity:
44151	680 - Cooling Tower	1A Cooling Tower	OP in 2006	Operation Start : , Design Capacity:
44154	680 - Cooling Tower	1B Cooling Tower	OP in 2006	Operation Start : , Design Capacity:
44157	680 - Cooling Tower	Auxiliary Cooling Tower	OP in 2017	Operation Start : , Design Capacity:
46314	400 - Storage Tank	P-20 Gasoline Storage Tanks	OP in 2007	Operation Start : , Design Capacity:
47548	400 - Storage Tank	P-21 Diesel Storage Tank	OP in 2007	Operation Start : , Design Capacity:
119093	780 - Silo	Silo 1 Additive A SFF-10	OP in 2015	Operation Start : , Design Capacity:
119636	780 - Silo	Silo 2 Powdered Activated Carbon SB-24	OP in 2015	Operation Start : , Design Capacity:
178455	770 - Transfer Point	HU-Ash-5, P-17 Bottom Ash Truck Loading and Unloading	OP in 2018	Operation Start : , Design Capacity:
	<b>Comment:</b> Emission unit numbering was updated was updated consistent with Permit No. 2008-337-TVR (M-7) and the dry ash handling system.			
178483	760 - Conveyor	HU-Ash-6, P-18 Bottom Ash Conveyor Discharge	OP in 2018	Operation Start : , Design Capacity:
	<b>Comment:</b> Emission unit numbering was updated consistent with Permit No. 2008-337-TVR (M-7) and the dry ash handling system.			
187148	785 - Open Storage Pile	Open Coal Storage Pile 2	OP	Operation Start : , Design Capacity:
187163	160 - Reciprocating IC Engine	P-24A Emergency Engine	OP	Operation Start : , Design Capacity: 600.0 HP
187164	160 - Reciprocating IC Engine	P-25A Emergency Engine	OP	Operation Start : , Design Capacity: 600.0 HP
210948	160 - Reciprocating IC Engine	Generac 25 QT025 Emergency Generator Engine for Hugo SW	OP	Operation Start : , Design Capacity: 33.526 HP



UNIT PROCESSES					
Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
<b>10724</b> HU-Unit1, P1 - Electric Power Coal Generation Unit	<b>55416</b>	10100201	Bituminous Coal, Pulverized - Boiler, Wet Bottom	OP	<b>Control Approach</b> Controlled?: Yes Description: Electrostatic Precipitator - Dry (DESP) and other measures <u>Control Devices:</u> 125061-HU-Unit1, P1 - Electrostatic Precipitator - Dry (DESP) , Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% 125062-HU-Unit1, P1 - Dry Sorbent Injection (DSI, other than ACI), Seq: 2, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 10724 - HU-Unit1, P1 - Electric Power Coal Generation Unit: 100.0%
<b>10724</b> HU-Unit1, P1 - Electric Power Coal Generation Unit	<b>55417</b>	10100501	Distillate Oil - Grades 1 and 2 - Boiler	OP	<b>Control Approach</b> Controlled?: Yes Description: Electrostatic Precipitator - Dry (DESP) <u>Control Devices:</u> 125061-HU-Unit1, P1 - Electrostatic Precipitator - Dry (DESP) , Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% 125062-HU-Unit1, P1 - Dry Sorbent Injection (DSI, other than ACI), Seq: 2, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 10724 - HU-Unit1, P1 - Electric Power Coal Generation Unit: 100.0%
<b>10724</b> HU-Unit1, P1 - Electric Power Coal Generation Unit	<b>55418</b>	10101302	Liquid Waste - Waste Oil	TS in 2017	<b>Control Approach</b> Controlled?: Yes Description: Electrostatic Precipitator - Dry (DESP) <u>Control Devices:</u> 125061-HU-Unit1, P1 - Electrostatic Precipitator - Dry (DESP) , Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% 125062-HU-Unit1, P1 - Dry Sorbent Injection (DSI, other than ACI), Seq: 2, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 10724 - HU-Unit1, P1 - Electric Power Coal Generation Unit: 100.0%
<b>10726</b> P-19 Fuel Oil Storage Tank	<b>55420</b>	40400413	Petroleum Products - Underground Tanks - Distillate Fuel No 2: Breathing Loss	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 10726 - P-19 Fuel Oil Storage Tank: 100.0%
<b>10726</b> P-19 Fuel Oil Storage Tank	<b>55421</b>	40400414	Petroleum Products - Underground Tanks - Distillate Fuel No. 2: Working Loss	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 10726 - P-19 Fuel Oil Storage Tank: 100.0%
<b>10727</b> Open Coal Storage Pile 1	<b>55422</b>	30501009	Coal Mining, Cleaning, and Material Handling - Raw Coal Storage	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 10727 - Open Coal Storage Pile 1: 100.0%

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
<b>30688</b> HU-Ash1, P-13 Truck Loading and Unloading	<b>130572</b>	30510199	Bulk Materials Conveyors - Other Not Classified	OP	<b>Control Approach</b> Controlled?: Yes Description: Fabric Filter / Baghouse <u>Control Devices:</u> 125059-HU-Ash1, P-13 Baghouse , Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% <b>Release Point Apportionment:</b> 30400 - HU-Ash1, P-13 Truck Loading and Unloading: 100.0%
<b>33534</b> HU-Coal1, P-3 Railcar Unloading Rotary Dump	<b>140563</b>	30501011	Coal Mining, Cleaning, and Material Handling - Coal Transfer	OP	<b>Control Approach</b> Controlled?: Yes Description: Dust Suppression <u>Control Devices:</u> 125064-HU-Coal1, P-3 Dust Suppression, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% <b>Release Point Apportionment:</b> 33337 - HU-Coal1, P-3 Railcar Unloading Rotary Dump: 100.0%
<b>39057</b> P-22 Emergency Diesel Generator	<b>145955</b>	20100107	Distillate Oil (Diesel) - Reciprocating: Exhaust	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled. <b>Release Point Apportionment:</b> 38807 - P-22 Emergency Diesel Generator: 100.0%
<b>41566</b> HU-Ash2, P-14 Fly Ash Conveying Storage	<b>149357</b>	30510199	Bulk Materials Conveyors - Other Not Classified	OP	<b>Control Approach</b> Controlled?: Yes Description: Fabric Filter / Baghouse <u>Control Devices:</u> 125060-HU-Ash2, P-14 Baghouse , Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% <b>Release Point Apportionment:</b> 41424 - HU-Ash2, P-14 Fly Ash Conveying Storage : 100.0%
<b>41570</b> HU-Ash3, P-15 Fly Ash Silo Load Out	<b>149359</b>	30510199	Bulk Materials Conveyors - Other Not Classified	OP	<b>Control Approach</b> Controlled?: Yes Description: Fabric Filter / Baghouse <u>Control Devices:</u> 152091-HU-Ash3, P-15 Baghouse , Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% <b>Release Point Apportionment:</b> 41425 - HU-Ash3, P-15 Fly Ash Silo Load Out: 100.0%
<b>41607</b> HU-Coal2, P-4 Conveying (from Railcar)	<b>149399</b>	30501011	Coal Mining, Cleaning, and Material Handling - Coal Transfer	OP	<b>Control Approach</b> Controlled?: Yes Description: Dust Suppression <u>Control Devices:</u> 152090-HU-Coal2, P-4 Dust Suppression, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0% <b>Release Point Apportionment:</b> 41629 - HU-Coal2, P-4 Conveying (from Railcar): 100.0%

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
<b>41608</b> HU-Coal3, P-5 Crushing	<b>149400</b>	30501010	Coal Mining, Cleaning, and Material Handling - Crushing	OP	<b>Control Approach</b> Controlled?: Yes Description: Dust Suppression <u>Control Devices:</u> 152089-HU-Coal3, P-5 Dust Suppression, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 41459 - HU-Coal3, P-5 Crushing: 100.0%
<b>41609</b> HU-Coal4, P-6 Active Storage Pile-Load in by Conveyor	<b>149402</b>	30501011	Coal Mining, Cleaning, and Material Handling - Coal Transfer	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 41460 - HU-Coal4, P-6 Active Storage Pile-Load in by Conveyor: 100.0%
<b>41610</b> HU-Coal5, P-7 Active Storage Pile-Load out under Pile Reclaim	<b>149404</b>	30501011	Coal Mining, Cleaning, and Material Handling - Coal Transfer	OP	<b>Control Approach</b> Controlled?: Yes Description: Fabric Filter / Baghouse <u>Control Devices:</u> 125058-HU-Coal5, P-7 Dust Suppression, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 41461 - HU-Coal5, P-7 Active Storage Pile-Load out under Pile Reclaim: 100.0%
<b>41611</b> HU-Coal6, P-8 Inactive Storage Pile- Load in by Conveyor	<b>149406</b>	30501011	Coal Mining, Cleaning, and Material Handling - Coal Transfer	OP	<b>Control Approach</b> Controlled?: Yes Description: Dust Suppression <u>Control Devices:</u> 125063-HU-Coal6, P-8 Dust Suppression, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 41462 - HU-Coal6, P-8 Inactive Storage Pile-Load in by Conveyor: 100.0%
<b>44151</b> 1A Cooling Tower	<b>152422</b>	38500110	Process Cooling - Other Not Classified	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 44149 - 1A Cooling Tower Stack: 100.0%
<b>44154</b> 1B Cooling Tower	<b>152424</b>	38500110	Process Cooling - Other Not Classified	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 44151 - 1B Cooling Tower Stack: 100.0%
<b>44157</b> Auxiliary Cooling Tower	<b>152426</b>	38500110	Process Cooling - Other Not Classified	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 44153 - Auxiliary Cooling Tower Stack: 100.0%

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
<b>46314</b> P-20 Gasoline Storage Tanks	<b>154892</b>	40400497	Petroleum Products - Underground Tanks - Other Liquids: Breathing Loss	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 46174 - P-20 Gasoline Storage Tanks: 100.0%
<b>46314</b> P-20 Gasoline Storage Tanks	<b>154893</b>	40400498	Petroleum Products - Underground Tanks - Other Liquids: Working Loss	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 46174 - P-20 Gasoline Storage Tanks: 100.0%
<b>47548</b> P-21 Diesel Storage Tank	<b>156195</b>	40400497	Petroleum Products - Underground Tanks - Other Liquids: Breathing Loss	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 47300 - P-21 Diesel Storage Tank: 100.0%
<b>47548</b> P-21 Diesel Storage Tank	<b>156196</b>	40400498	Petroleum Products - Underground Tanks - Other Liquids: Working Loss	OP	<b>Control Approach</b> Controlled?: No Description: Control approach not specified. Assumes not controlled.  <b>Release Point Apportionment:</b> 47300 - P-21 Diesel Storage Tank: 100.0%
<b>119093</b> Silo 1 Additive A SFF-10	<b>237263</b>	30510199	Bulk Materials Conveyors - Other Not Classified	OP	<b>Control Approach</b> Controlled?: Yes Description: Fabric Filter / Baghouse <u>Control Devices:</u> 152094-Silo 1 and Silo 2 Baghouse, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 118862 - Silo 1 Additive A SFF-10: 100.0%
<b>119636</b> Silo 2 Powdered Activated Carbon SB-24	<b>237266</b>	30510199	Bulk Materials Conveyors - Other Not Classified	OP	<b>Control Approach</b> Controlled?: Yes Description: Fabric Filter / Baghouse <u>Control Devices:</u> 152094-Silo 1 and Silo 2 Baghouse, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 119275 - Silo 2 Powdered Activated Carbon SB-24: 100.0%
<b>178455</b> HU-Ash-5, P-17 BottomAsh Truck Loading and Unloading	<b>303888</b>	30510498	Bulk Materials Unloading Operation - Mineral: Specify in Comments	OP	<b>Control Approach</b> Controlled?: Yes Description: Control approach not specified. Assumes not controlled. <u>Control Devices:</u> 152092-HU-Ash5, P-17 Wet Nature of BottomAsh, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 177932 - HU-Ash-5, P-17 BottomAsh Truck Loading and Unloading: 100.0%

Emission Unit ID	Unit Process ID	SCC	Description	Status	Details
<b>178483</b> HU-Ash-6, P-18 BottomAsh Conveyor Discharge	<b>303907</b>	30510199	Bulk Materials Conveyors - Other Not Classified	OP	<b>Control Approach</b> Controlled?: Yes Description: Control approach not specified. Assumes not controlled. <u>Control Devices:</u> 152093-HU-Ash6, P-18 Wet Nature of BottomAsh, Seq: 1, Capture Efficiency: 100.0%, Uptime/Effectiveness: 100.0%  <b>Release Point Apportionment:</b> 177953 - HU-Ash-6, P-18 BottomAsh Conveyor Discharge: 100.0%
<b>187148</b> Open Coal Storage Pile 2	<b>313219</b>	30501009	Open Coal Storage Pile 2	OP	<b>Control Approach</b> Controlled?: No Description:  <b>Release Point Apportionment:</b> 41436 - Open Coal Storage Pile 2: 100.0%
<b>187163</b> P-24A Emergency Engine	<b>313238</b>	20100107	P-24A Emergency Engine	OP	<b>Control Approach</b> Controlled?: No Description:  <b>Release Point Apportionment:</b> 186810 - P-24A Emergency Engine: 100.0%
<b>187164</b> P-25A Emergency Engine	<b>313239</b>	20100107	P-25A Emergency Engine	OP	<b>Control Approach</b> Controlled?: No Description:  <b>Release Point Apportionment:</b> 186811 - P-25A Emergency Engine: 100.0%
<b>210948</b> Generac 25 QT025 Emergency Generator Engine for Hugo SW	<b>339952</b>	20200253	Generac 25 QT025 Emergency Generator Engine for Hugo SW	OP	<b>Control Approach</b> Controlled?: No Description:  <b>Release Point Apportionment:</b> 210226 - P-26 Emergency Engine - Hugo SW: 100.0%
		<b>Comment:</b> This generator engine is fueled by propane.			

PROCESS EMISSIONS				
Emission Unit ID	Unit Process ID	Throughput	Operations	
10724 HU-Unit1, P1 - Electric Power Coal Generation Unit	55416 Bituminous Coal, Pulverized - Boiler, Wet Bottom	Annual Throughput: 528,995.0 TONS (Bituminous Coal) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 19.0 Actual Hours/Year: 3,275.0 Seasonal Operations: Dec-Feb: 27.0%, Mar-May: 30.0%, Jun-Aug: 32.0%, Sep-Nov: 11.0%	
Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
CO - Carbon Monoxide	1.0395266	TON - TONS	4_1 - Stack Test - US EPA Reference Method (post-Control EF)	274.9521868835
Stack Test Date: 08/03/2022				
7439921 - Lead	0.0000716	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.018938021
Stack Test Date: 09/15/2011				
NOX - Nitrogen Oxides (NOx) expressed as NO2			1_0 - Continuous Emission Monitoring System (CEMS)	888.9
PM10-FR1 - PM10 - Primary (Filterable + Condensable)	0.0469	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	12.40493275
Stack Test Date: 06/15/2022				
Emission Comment: This emission factor represents an average of the MATS tests consistent with DEQ guidance.				
PM25-FR1 - PM2.5 - Primary (Filterable + Condensable)	0.0368157	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	9.73766061075
Stack Test Date: 09/15/2011				
Emission Comment: This emission factor represents the ratio of PM2.5/PM10 during the 9-15-11 Stack Test applied to the average of the MATS PM10 tests consistent with DEQ guidance.				
SO2 - Sulfur Oxides (SOx) expressed as SO2			1_0 - Continuous Emission Monitoring System (CEMS)	2,565.6
VOC - Volatile Organic Compounds (VOCs)	0.147102826	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	38.908329719935
Stack Test Date: 09/15/2011				
75070 - Acetaldehyde	0.00057	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.150763575
107028 - Acrolein	0.00029	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.076704275
7440360 - Antimony	0.0000132326	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.003499989618499
Stack Test Date: 09/15/2011				
7440382 - Arsenic	0.00000756151	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.002000000491225
Stack Test Date: 09/15/2011				
71432 - Benzene (including benzene from gasoline)	0.0013	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.34384675
100447 - Benzyl chloride	0.0007	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.18514825
117817 - Bis(2-ethylhexyl)phthalate (DEHP)	0.000073	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0193083175
7440439 - Cadmium	0.00000179	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.000473450525
Stack Test Date: 09/15/2011				
75150 - Carbon disulfide	0.00013	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.034384674999999
67663 - Chloroform	0.000059	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0156053525
7440473 - Chromium	0.0000170134	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.0045000017665
Stack Test Date: 09/15/2011				
7440484 - Cobalt	0.0000226845	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.00599999353875
Stack Test Date: 09/15/2011				

Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
57125 - Cyanide	0.0025	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.66124375
100414 - Ethyl benzene	0.000094	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.024862765
50000 - Formaldehyde	0.00024	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.063479399999999
110543 - Hexane	0.000067	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0177213325
7647010 - Hydrochloric acid	0.02220272	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	5.8725639332
<b>Stack Test Date:</b> 12/22/2022				
<b>Emission Comment:</b> This emission factor represents the average of the 2022 MATS tests.				
7664393 - Hydrogen fluoride (Hydrofluoric acid)	0.006264709	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	1.6569998687275
<b>Stack Test Date:</b> 09/15/2011				
78591 - Isophorone	0.00058	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.15340855
7439965 - Manganese	0.0000170134	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.0045000017665
<b>Stack Test Date:</b> 09/15/2011				
7439976 - Mercury			1_0 - Continuous Emission Monitoring System (CEMS)	0.002
74839 - Methyl bromide (Bromomethane)	0.00016	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0423196
74873 - Methyl chloride (Chloromethane)	0.00053	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.140183675
60344 - Methyl hydrazine	0.00017	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.044964575
75092 - Methylene chloride (Dichloromethane)	0.00029	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.076704275
91203 - Naphthalene	0.000013	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0034384675
7440020 - Nickel	0.0000226845	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.00599999353875
<b>Stack Test Date:</b> 09/15/2011				
250 - Polycyclic Organic Matter	0.0000211	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.00558089725
123386 - Propionaldehyde	0.00038	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.10050905
7782492 - Selenium	0.0000982996	TON - TONS	4_0 - Stack Test - US EPA Reference Method (no Control EF)	0.025999998451
<b>Stack Test Date:</b> 09/15/2011				
7664939 - Sulfuric acid (including acid mist expressed as H2SO4)	0.007206296	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	1.90604727626
108883 - Toluene	0.00024	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.063479399999999
Emission Unit ID	Unit Process ID	Throughput	Operations	
10724 HU-Unit1, P1 - Electric Power Coal Generation Unit	55417 Distillate Oil - Grades 1 and 2 - Boiler	<b>Annual Throughput:</b> 372.211 1000 GALLONS (Distillate Oil (Nb. 1 & 2)) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 19.0 Actual Hours/Year: 3,275.0 Seasonal Operations: Dec-Feb: 27.0%, Mar-May: 30.0%, Jun-Aug: 32.0%, Sep-Nov: 11.0%	
Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
CO - Carbon Monoxide	5.0	E3GAL - 1000 GALLONS	8_3 - US EPA Documents incl. AP-42 & WebFIRE (no Control EF)	0.9305275
<b>Overall Control Efficiency:</b> 0.0%				
NOx - Nitrogen Oxides (NOx) expressed as NO2			1_0 - Continuous Emission Monitoring System (CEMS)	22.9
SO2 - Sulfur Oxides (SOx) expressed as SO2			1_0 - Continuous Emission Monitoring System (CEMS)	4.7
VOC - Volatile Organic Compounds (VOCs)	0.2	E3GAL - 1000 GALLONS	8_3 - US EPA Documents incl. AP-42 & WebFIRE (no Control EF)	0.0372211
<b>Overall Control Efficiency:</b> 0.0%				

		<b>Pollutant</b>	<b>Emis. Factor (Lbs/UOM)</b>	<b>Emis. Factor UOM</b>	<b>Calculation Method</b>	<b>Estimated Emis. (Tons)</b>
		50000 - Formaldehyde	0.048	E3GAL - 1000 GALLONS	8_3 - US EPA Documents incl. AP-42 & WebFIRE (no Control EF)	0.008933064
		<b>Overall Control Efficiency:</b> 0.0%				
		7647010 - Hydrochloric acid	0.10752	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	0.02001006336
		7664393 - Hydrogen fluoride (Hydrofluoric acid)	0.01554	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	0.00289207947
		7723140 - Phosphorus	0.00946	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	0.00176055803
		7664939 - Sulfuric acid (including acid mist expressed as H2SO4)	0.1001	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	0.01862916055
		108883 - Toluene	0.0062	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0011538541
<b>Emission Unit ID</b>	<b>Unit Process ID</b>	<b>Throughput</b>			<b>Operations</b>	
<b>10726</b> P-19 Fuel Oil Storage Tank	<b>55420</b> Petroleum Products - Underground Tanks - Distillate Fuel No 2: Breathing Loss	Process was not operating, or was not required to report emissions, during the reporting period.				
		<b>Comment:</b> Process emissions are below reportable levels.				
<b>Emission Unit ID</b>	<b>Unit Process ID</b>	<b>Throughput</b>			<b>Operations</b>	
<b>10726</b> P-19 Fuel Oil Storage Tank	<b>55421</b> Petroleum Products - Underground Tanks - Distillate Fuel No. 2: Working Loss	Process was not operating, or was not required to report emissions, during the reporting period.				
		<b>Comment:</b> Process emissions are below reportable levels.				
<b>Emission Unit ID</b>	<b>Unit Process ID</b>	<b>Throughput</b>			<b>Operations</b>	
<b>10727</b> Open Coal Storage Pile 1	<b>55422</b> Coal Mining, Cleaning, and Material Handling - Raw Coal Storage	<b>Annual Throughput:</b> 147,942.0 TONS (Coal) (Output)			Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		<b>Pollutant</b>	<b>Emis. Factor (Lbs/UOM)</b>	<b>Emis. Factor UOM</b>	<b>Calculation Method</b>	<b>Estimated Emis. (Tons)</b>
		PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	0.0007	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0517797
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.0007	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0517797
<b>Emission Unit ID</b>	<b>Unit Process ID</b>	<b>Throughput</b>			<b>Operations</b>	
<b>30688</b> HU-Ash1, P-13 Truck Loading and Unloading	<b>130572</b> Bulk Materials Conveyors - Other Not Classified	<b>Annual Throughput:</b> 2,524.0 TONS (Product) (Output)			Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		<b>Pollutant</b>	<b>Emis. Factor (Lbs/UOM)</b>	<b>Emis. Factor UOM</b>	<b>Calculation Method</b>	<b>Estimated Emis. (Tons)</b>
		PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.03155
		<b>Overall Control Efficiency:</b> 99.9%				
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.03155
		<b>Overall Control Efficiency:</b> 99.9%				
<b>Emission Unit ID</b>	<b>Unit Process ID</b>	<b>Throughput</b>			<b>Operations</b>	
<b>33534</b> HU-Coal1, P-3 Railcar Unloading Rotary Dump	<b>140563</b> Coal Mining, Cleaning, and Material Handling - Coal Transfer	<b>Annual Throughput:</b> 503,621.0 TONS (Coal) (Output)			Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		<b>Pollutant</b>	<b>Emis. Factor (Lbs/UOM)</b>	<b>Emis. Factor UOM</b>	<b>Calculation Method</b>	<b>Estimated Emis. (Tons)</b>
		PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	0.00283	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.03563118575



		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		PM25-FRI - PM2.5 - Primary (Filterable + Condensable)	0.00283	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.03563118575
		Overall Control Efficiency: 95.0%				
Emission Unit ID	Unit Process ID	Throughput			Operations	
39057 P-22 Emergency Diesel Generator	145955 Distillate Oil (Diesel) - Reciprocating Exhaust	Annual Throughput: 16.03 MILLION BTUS (Heat) (Input)			Average Hours/Day: 1.0, Days/Week: 1.0, Weeks/Year: 10.0 Actual Hours/Year: 10.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		CO - Carbon Monoxide	2.16	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.0173124
		NOX - Nitrogen Oxides (NOx) expressed as NO2	9.43	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.07558145
		PM10-FRI - PM 10 - Primary (Filterable + Condensable)	0.28	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.0022442
		PM25-FRI - PM2.5 - Primary (Filterable + Condensable)	0.28	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.0022442
		SO2 - Sulfur Oxides (SOx) expressed as SO2	0.15912	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.0012753468
		VOC - Volatile Organic Compounds (VOCs)	0.27699	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.00222007485
Emission Unit ID	Unit Process ID	Throughput			Operations	
41566 HU-Ash2, P-14 Fly Ash Conveying Storage	149357 Bulk Materials Conveyors - Other Not Classified	Annual Throughput: 17,327.0 TONS (Product) (Output)			Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		PM10-FRI - PM 10 - Primary (Filterable + Condensable)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.2165875
		Overall Control Efficiency: 99.9%				
		PM25-FRI - PM2.5 - Primary (Filterable + Condensable)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.2165875
		Overall Control Efficiency: 99.9%				
Emission Unit ID	Unit Process ID	Throughput			Operations	
41570 HU-Ash3, P-15 Fly Ash Silo Load Out	149359 Bulk Materials Conveyors - Other Not Classified	Annual Throughput: 16,760.0 TONS (Product) (Output)			Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		PM10-FRI - PM 10 - Primary (Filterable + Condensable)	25.0	TON - TONS	7_2 - Manufacturer Test Data with OK DEQ Approval (pre-Control EF)	0.2095
		Overall Control Efficiency: 99.9%				
		PM25-FRI - PM2.5 - Primary (Filterable + Condensable)	25.0	TON - TONS	7_2 - Manufacturer Test Data with OK DEQ Approval (pre-Control EF)	0.2095
		Overall Control Efficiency: 99.9%				
Emission Unit ID	Unit Process ID	Throughput			Operations	
41607 HU-Coal2, P-4 Conveying (from Railcar)	149399 Coal Mining, Cleaning, and Material Handling - Coal Transfer	Annual Throughput: 503,621.0 TONS (Coal) (Output)			Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		PM10-FRI - PM 10 - Primary (Filterable + Condensable)	0.00283	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.03563118575
		Overall Control Efficiency: 95.0%				
		PM25-FRI - PM2.5 - Primary (Filterable + Condensable)	0.00283	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.03563118575
		Overall Control Efficiency: 95.0%				

Emission Unit ID	Unit Process ID	Throughput	Operations		
41608 HU-Coal3, P-5 Crushing	149400 Coal Mining, Cleaning, and Material Handling - Crushing	Annual Throughput: 503,621.0 TONS (Coal) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%		
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM
			PM10-FR1 - PM10 - Primary (Filterable + Condensible)	0.006	TON - TONS
			Overall Control Efficiency: 95.0%		
			PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.006	TON - TONS
			Overall Control Efficiency: 95.0%		
41609 HU-Coal4, P-6 Active Storage Pile- Load in by Conveyor	149402 Coal Mining, Cleaning, and Material Handling - Coal Transfer	Annual Throughput: 92,600.0 TONS (Coal) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%		
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM
			PM10-FR1 - PM10 - Primary (Filterable + Condensible)	0.00283	TON - TONS
			PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.00283	TON - TONS
			Overall Control Efficiency: 99.9%		
41610 HU-Coal5, P-7 Active Storage Pile- Load out under Pile Reclaim	149404 Coal Mining, Cleaning, and Material Handling - Coal Transfer	Annual Throughput: 325,840.0 TONS (Coal) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%		
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM
			PM10-FR1 - PM10 - Primary (Filterable + Condensible)	0.00283	TON - TONS
			PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.00283	TON - TONS
			Overall Control Efficiency: 99.9%		
41611 HU-Coal6, P-8 Inactive Storage Pile-Load in by Conveyor	149406 Coal Mining, Cleaning, and Material Handling - Coal Transfer	Annual Throughput: 173,062.0 TONS (Coal) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0 Actual Hours/Year: 8,760.0 Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%		
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM
			PM10-FR1 - PM10 - Primary (Filterable + Condensible)	0.00283	TON - TONS
			PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.00283	TON - TONS
			Overall Control Efficiency: 75.0%		
44151 1A Cooling Tower	152422 Process Cooling - Other Not Classified	Annual Throughput: 18,767,010.11 1000 GALLONS (Cooling Water) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 19.0 Actual Hours/Year: 3,275.0 Seasonal Operations: Dec-Feb: 27.0%, Mar-May: 30.0%, Jun-Aug: 32.0%, Sep-Nov: 11.0%		
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM
			PM10-FR1 - PM10 - Primary (Filterable + Condensible)	0.000696488	E3GAL - 1000 GALLONS
			PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.000696488	E3GAL - 1000 GALLONS
			Overall Control Efficiency: 75.0%		

Emission Unit ID	Unit Process ID	Throughput	Operations			
44154 1B Cooling Tower	152424 Process Cooling - Other Not Classified	Annual Throughput: 18,767,010.11 1000 GALLONS (Cooling Water) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 19.0			
			Actual Hours/Year: 3,275.0			
			Seasonal Operations: Dec-Feb: 27.0%, Mar-May: 30.0%, Jun-Aug: 32.0%, Sep-Nov: 11.0%			
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	0.000696488	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	6.53549866874684
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.000696488	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	6.53549866874684
Emission Unit ID	Unit Process ID	Throughput	Operations			
44157 Auxiliary Cooling Tower	152426 Process Cooling - Other Not Classified	Annual Throughput: 6,307,200.0 1000 GALLONS (Cooling Water) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0			
			Actual Hours/Year: 8,760.0			
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%			
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	0.000696488	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	2.1964445568
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.000696488	E3GAL - 1000 GALLONS	10_3 - OK DEQ Approved Method (no Control EF)	2.1964445568
Emission Unit ID	Unit Process ID	Throughput	Operations			
46314 P-20 Gasoline Storage Tanks	154892 Petroleum Products - Underground Tanks - Other Liquids: Breathing Loss	Annual Throughput: 11.0 1000 GALLONS (Petroleum Liquid) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0			
			Actual Hours/Year: 8,760.0			
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%			
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		VOC - Volatile Organic Compounds (VOCs)			8_0 - US EPA Documents incl. AP-42 & WebFIRE (no EF)	0.033
Emission Unit ID	Unit Process ID	Throughput	Operations			
46314 P-20 Gasoline Storage Tanks	154893 Petroleum Products - Underground Tanks - Other Liquids: Working Loss	Annual Throughput: 11.0 1000 GALLONS (Petroleum Liquid) (Input)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0			
			Actual Hours/Year: 8,760.0			
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%			
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		VOC - Volatile Organic Compounds (VOCs)			8_0 - US EPA Documents incl. AP-42 & WebFIRE (no EF)	0.028
Emission Unit ID	Unit Process ID	Throughput	Operations			
47548 P-21 Diesel Storage Tank	156195 Petroleum Products - Underground Tanks - Other Liquids: Breathing Loss	Process was not operating, or was not required to report emissions, during the reporting period.				
			Comment: Process emissions are below reportable levels.			
Emission Unit ID	Unit Process ID	Throughput	Operations			
47548 P-21 Diesel Storage Tank	156196 Petroleum Products - Underground Tanks - Other Liquids: Working Loss	Process was not operating, or was not required to report emissions, during the reporting period.				
			Comment: Process emissions are below reportable levels.			

Emission Unit ID	Unit Process ID	Throughput	Operations				
119093 Silo 1 Additive A SPF-10	237263 Bulk Materials Conveyors - Other Not Classified	Annual Throughput: 33.99 TONS (Product) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0				
			Actual Hours/Year: 8,760.0				
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%				
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
			PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.00424875
		Overall Control Efficiency: 99.0%					
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.00424875	
		Overall Control Efficiency: 99.0%					
Emission Unit ID	Unit Process ID	Throughput	Operations				
119636 Silo 2 Powdered Activated Carbon SB-24	237266 Bulk Materials Conveyors - Other Not Classified	Annual Throughput: 117.81 TONS (Product) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0				
			Actual Hours/Year: 8,760.0				
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%				
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
			PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.01472625
		Overall Control Efficiency: 99.0%					
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.01472625	
		Overall Control Efficiency: 99.0%					
Emission Unit ID	Unit Process ID	Throughput	Operations				
178455 HJ-Ash-5, P-17 BottomAsh Truck Loading and Unloading	303888 Bulk Materials Unloading Operation - Mineral: Specify in Comments	Annual Throughput: 6,980.0 TONS (Product) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0				
			Actual Hours/Year: 8,760.0				
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%				
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
			PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.08725
		Overall Control Efficiency: 99.9%					
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.08725	
		Overall Control Efficiency: 99.9%					
Emission Unit ID	Unit Process ID	Throughput	Operations				
178483 HJ-Ash-6, P-18 BottomAsh Conveyor Discharge	303907 Bulk Materials Conveyors - Other Not Classified	Annual Throughput: 6,980.0 TONS (Product) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0				
			Actual Hours/Year: 8,760.0				
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%				
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
			PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.08725
		Overall Control Efficiency: 99.9%					
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	25.0	TON - TONS	10_2 - OK DEQ Approved Method (pre-Control EF)	0.08725	
		Overall Control Efficiency: 99.9%					
Emission Unit ID	Unit Process ID	Throughput	Operations				
187148 Open Coal Storage Pile 2	313219 Open Coal Storage Pile 2	Annual Throughput: 147,942.0 TONS (Coal) (Output)	Average Hours/Day: 24.0, Days/Week: 7.0, Weeks/Year: 52.0				
			Actual Hours/Year: 8,760.0				
			Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%				
			Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
			PM10-FR1 - PM 10 - Primary (Filterable + Condensible)	0.0007	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0517797
		PM25-FR1 - PM2.5 - Primary (Filterable + Condensible)	0.0007	TON - TONS	10_3 - OK DEQ Approved Method (no Control EF)	0.0517797	

Emission Unit ID	Unit Process ID	Throughput			Operations	
187163 P-24A Emergency Engine	313238 P-24A Emergency Engine	Annual Throughput: 19.09 MILLION BTUS (Heat) (Input)			Average Hours/Day: 1.0, Days/Week: 1.0, Weeks/Year: 13.0	
					Actual Hours/Year: 13.0	
					Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		CO - Carbon Monoxide	0.295	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.002815775
		NOX - Nitrogen Oxides (NOx) expressed as NO2	2.599	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.024807455
PM10-FRI - PM10 - Primary (Filterable + Condensible)	0.13	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.00124085		
PM25-FRI - PM2.5 - Primary (Filterable + Condensible)	0.13	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.00124085		
VOC - Volatile Organic Compounds (VOCs)	0.061	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.000582245		
Emission Unit ID	Unit Process ID	Throughput			Operations	
187164 P-25A Emergency Engine	313239 P-25A Emergency Engine	Annual Throughput: 11.3 MILLION BTUS (Heat) (Input)			Average Hours/Day: 1.0, Days/Week: 1.0, Weeks/Year: 7.0	
					Actual Hours/Year: 7.0	
					Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		CO - Carbon Monoxide	0.295	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.00166675
		NOX - Nitrogen Oxides (NOx) expressed as NO2	2.599	EBBTU - MILLION BTUS	10_3 - OK DEQ Approved Method (no Control EF)	0.01468435
Emission Unit ID	Unit Process ID	Throughput			Operations	
210948 Generac 25 QT025 Emergency Generator Engine for Hugo SW	339952 Generac 25 QT025 Emergency Generator Engine for Hugo SW	Annual Throughput: 1.17 MILLION BTUS (Heat) (Input)			Average Hours/Day: 1.0, Days/Week: 1.0, Weeks/Year: 5.0	
					Actual Hours/Year: 5.0	
					Seasonal Operations: Dec-Feb: 25.0%, Mar-May: 25.0%, Jun-Aug: 25.0%, Sep-Nov: 25.0%	
		Comment: This emission unit is fueled by propane.				
		Pollutant	Emis. Factor (Lbs/UOM)	Emis. Factor UOM	Calculation Method	Estimated Emis. (Tons)
		CO - Carbon Monoxide	18.509	EBBTU - MILLION BTUS	7_0 - Manufacturer Test Data with OK DEQ Approval (no Control EF)	0.010827765
		NOX - Nitrogen Oxides (NOx) expressed as NO2	1.521	EBBTU - MILLION BTUS	7_0 - Manufacturer Test Data with OK DEQ Approval (no Control EF)	0.000889784999999